## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

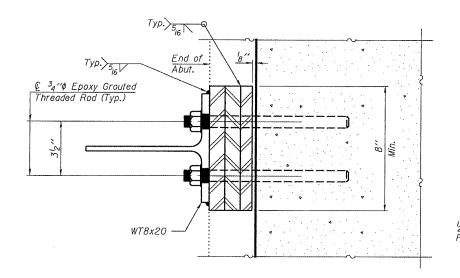
TYPICAL SECTION

AT S. ABUTMENT



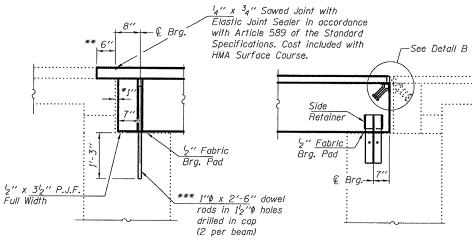
SHEET NO. 4

Contract Number: 66829



SECTION E-E

PPC Deck Beam



F◀ Bar 1'4" x 3'4" x 9'-0" (Beams 1 thru 3) 3'-0" (Beam 11) Existing 2½" PJS to be removed,  $Typ, \rightarrow 3$ stored and reused.  $^{7}_{16}$  '' $\phi$  holes at 12'' cts. for  $^{3}_{8}$  '' $\phi$  bolts set on 2 $^{1}_{2}$ '' gage line. All bolts shall be burned, sawed or clipped off flush with back of angle after forms are removed.  $\frac{7_{16}}{12}$  vent holes at  $\frac{12}{12}$  cts set on  $1\frac{3}{8}$ 3<sub>4</sub>"\$\phi x 8" granular or solid flux filled gage line headed studs conforming to Article 1006.36 of the Standard Spec's automatically end welded at 12" alt. cts. (4 required per beam). Cast in beam. l<sub>4</sub>" x l<sub>2</sub>" bar Tack welded at  $L4 \times 4 \times \frac{1}{2} cast in$ beam. 3'-0" long

SECTION F-F

<u>DETAIL B</u> (Cost included with PPC Deck Beams)

6" cts. in field

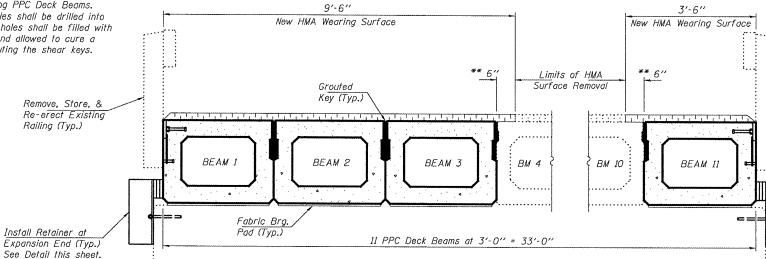
## TYPICAL SECTION AT N. ABUTMENT

- \* I'' Joint shall be filled with non-shrink grout. Dimension may vary to accommodate tolerance in beam lengths.
- \*\* Limits of HMA Surface Removal. Existing waterproofing to remain. Lap new waterproofing 6" over existing.
- \*\*\* Existing dowel rods are to be burned off, ground flush, and sealed with epoxy prior to placement of new beams. Cost included in Removal of Existing PPC Deck Beams. After beams have been erected holes shall be drilled into cap and dowel rods placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure a minimum of 24 hours prior to grouting the shear keys.



Standard Specifications for

epoxy grouting of threaded rods.



EXPANSION JOINT RETAINER DETAILS

Min.

© 34″¢ Epoxy Grouted Threaded Rod (Typ.)

(Cost included with PPC Deck Beams)

DESIGNED

CHECKED

AJB

DRAWN

Steffen

CHECKED

ATH

AJB

MAY 6, 2008

EXAMINED

CAL Propries

PASSED

CHECKED

ATH

AJB

MAY 6, 2008

EXAMINED

CAL Propries

PASSED

CHECKED

ATH

AJB

## PARTIAL CROSS SECTION

(Looking South)

REPAIR DETAILS
F.A. RT. 698 OVER
PIKE CREEK
BUREAU COUNTY
SN 006-0104

WT8x20